

What Is Claimed Is:

1. A support element for the mutual support of a fuel injector (1) in a valve seat, in particular a valve seat of a cylinder head of an internal combustion engine, and of the fuel injector (1) against a fuel distributor (2), wherein the support element (3) has a clamp (8) and clips (4) provided thereon, as well as a bracket (5), the fuel injector (1) protruding through a hole (11) therein.
2. The support element as recited in Claim 1, wherein the bracket (5) rests against the fuel distributor (2) via a planar surface.
3. The support element as recited in Claim 1 or 2, wherein the clips (4) rest against the fuel distributor (2).
4. The support element as recited in one of Claims 1 through 3, wherein an edge (9) of the clamp (8) rests circumferentially against the fuel injector (1).
5. The support element as recited in Claim 1, wherein the bracket (5) rests against the fuel injector (1) via a planar surface.
6. The support element as recited in Claim 5, wherein the clips (4) rest against the fuel injector (1).
7. The support element as recited in Claim 5 or 6, wherein an edge (9) of the clamp (8) rests circumferentially against the fuel distributor (2).
8. The support element as recited in one of Claims 1 through 7,

wherein the bracket (5) is connected to the clamp (8) via a projection (6).

9. The support element as recited in Claim 8, wherein the bracket (5) on the projection (6) is curved radially inwards.
10. The support element as recited in one of Claims 1 through 9, wherein the bracket (5) is curved.
11. The support element as recited in one of Claims 1 through 10, wherein the number of clips (4) is at least two.
12. The support element as recited in one of Claims 1 through 11, wherein the clamp (8) has a slit in the area of an electrical lead (7) of the fuel injector (1).
13. The support element as recited in one of Claims 1 through 12, wherein the support element (3) has a second bracket (12).
14. The support element as recited in Claim 13, wherein, with regard to the clamp (8), the second bracket (12) is arranged symmetrically thereon.
15. The support element as recited in Claim 13 or 14, wherein the second bracket (12) is open.
16. The support element as recited in one of Claims 13 through 15, wherein the bracket (5) has the same shape as the second bracket (12).

17. The support element as recited in one of Claims 1 through 16,
wherein the clamp (8) is manufactured by stamping and bending spring steel.
18. The support element as recited in one of Claims 1 through 17,
wherein the support element (3) has a rectangular, in particular square, cross section.
19. The support element as recited in one of Claims 1 through 18,
wherein the fuel injector (1) is flexibly braced against the fuel distributor (2) via the support element (3).